

ABSTRACT OF THE DISCLOSURE

5 A traffic control method can prevent that the
number of cells transmitted to an ATM network exceeds a
maximum transmission rate. When a frame F is transmitted
from a frame relay network FR1 to an IWF, a traffic
control part included in the frame relay network FR1
measures the transmission data quantity for a measuring
time in a DLCI connecting the frame relay network FR1
and the IWF. Successively, the traffic control part
10 detects a traffic restrictive level corresponding to the
measured transmission data quantity. Then, the traffic
restrictive process corresponding to the restrictive
level is performed, and the frame transmission is
controlled by the transmitted terminal of the frame F.
15 Thus, it is prevented that the number of cells
transmitted to the ATM network exceeds a determined
maximum transmission rate.

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